

# Medway

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	5.70	13	228 #+	Male	4.32	7	162
Female	2.09	3	NC*	Female	3.36	5	149
Total	7.79	16	205 #+	Total	7.68	12	156
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	2.07	0	NC*	Male	1.18	0	NC*
Female	1.61	4	NC*	Female	0.99	0	NC*
Total	3.68	4	NC*	Total	2.17	0	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.29	0	NC*	Male	5.14	8	156
Female	39.40	38	96	Female	4.31	10	232 #+
Total	39.69	38	96	Total	9.44	18	191 #+
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	2.41	1	NC*	Male	4.15	2	NC*
				Female	1.87	2	NC*
				Total	6.03	4	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	14.40	14	97	Female	4.64	4	NC*
Female	12.99	10	77				
Total	27.38	24	88				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	2.26	2	NC*	Male	2.52	2	NC*
Female	0.63	0	NC*	Female	2.42	1	NC*
Total	2.89	2	NC*	Total	4.94	3	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	1.08	2	NC*	Male	37.97	39	103
Female	0.83	0	NC*				
Total	1.91	2	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	3.79	3	NC*	Male	2.48	3	NC*
Female	2.25	2	NC*	Female	1.42	0	NC*
Total	6.05	5	83	Total	3.90	3	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	2.18	3	NC*	Male	1.65	4	NC*
Female	0.54	0	NC*				
Total	2.72	3	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	3.01	3	NC*	Male	0.94	1	NC*
Female	2.35	1	NC*	Female	2.51	3	NC*
Total	5.35	4	NC*	Total	3.46	4	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	1.47	0	NC*	Female	7.57	4	NC*
Female	0.55	0	NC*				
Total	2.02	0	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	19.04	15	79	Male	123.87	132	107
Female	14.93	12	80	Female	117.78	109	93
Total	33.97	27	79	Total	241.65	241	100

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels

## Melrose

### Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	19.07	12	63	Male	12.07	13	108
Female	8.60	9	105	Female	10.20	12	118
Total	27.67	21	76	Total	22.26	25	112
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	5.19	7	135	Male	3.64	3	NC*
Female	4.71	8	170	Female	3.71	1	NC*
Total	9.90	15	151	Total	7.36	4	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.87	0	NC*	Male	14.67	15	102
Female	123.96	134	108	Female	15.41	10	65
Total	124.84	134	107	Total	30.08	25	83
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	6.56	7	107	Male	11.24	9	80
				Female	6.34	7	110
				Total	17.59	16	91
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	46.99	43	92	Female	14.27	19	133
Female	54.07	62	115				
Total	101.06	105	104				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	6.61	2	NC*	Male	7.88	14	178
Female	2.64	5	190	Female	9.87	10	101
Total	9.24	7	76	Total	17.75	24	135
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	2.51	2	NC*	Male	114.17	156	137 ^+
Female	2.17	1	NC*				
Total	4.67	3	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	10.69	14	131	Male	8.00	7	87
Female	7.70	11	143	Female	5.92	2	NC*
Total	18.40	25	136	Total	13.92	9	65
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	6.09	6	98	Male	3.68	8	217
Female	1.72	1	NC*				
Total	7.81	7	90				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	8.54	10	117	Male	2.27	5	220

Female	7.73	7	91	Female	6.50	9	139
Total	16.28	17	104	Total	8.77	14	160
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	4.16	3	NC*				
Female	2.12	4	NC*	Female	23.91	26	109
Total	6.27	7	112				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	58.61	43	73 #-	Male	372.18	389	105
Female	53.14	44	83	Female	401.94	404	101
Total	111.75	87	78 #-	Total	774.11	793	102

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels

## Mendon

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	2.56	4	NC*	Male	1.95	0	NC*
Female	0.92	0	NC*	Female	1.45	0	NC*
Total	3.47	4	NC*	Total	3.40	0	NC*
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	0.91	0	NC*	Male	0.53	1	NC*
Female	0.69	0	NC*	Female	0.44	2	NC*
Total	1.60	0	NC*	Total	0.97	3	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.13	0	NC*	Male	2.30	2	NC*
Female	17.20	22	128	Female	1.88	3	NC*
Total	17.33	22	127	Total	4.18	5	120
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	1.04	0	NC*	Male	1.91	0	NC*
				Female	0.82	0	NC*
				Total	2.72	0	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	6.46	9	139	Female	2.02	4	NC*
Female	5.72	4	NC*				
Total	12.17	13	107				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	1.03	1	NC*	Male	1.14	3	NC*
Female	0.28	0	NC*	Female	1.06	1	NC*
Total	1.31	1	NC*	Total	2.20	4	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.46	0	NC*	Male	17.17	8	47 #-
Female	0.35	2	NC*				

Total	0.81	2	NC*
<b><u>Kidney and Renal Pelvis</u></b>			
Male	1.72	0	NC*
Female	0.98	0	NC*
Total	2.70	0	NC*
<b><u>Larynx</u></b>			
Male	1.00	0	NC*
Female	0.23	1	NC*
Total	1.23	1	NC*
<b><u>Leukemia</u></b>			
Male	1.32	0	NC*
Female	0.99	0	NC*
Total	2.32	0	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>			
Male	0.67	0	NC*
Female	0.24	2	NC*
Total	0.90	2	NC*
<b><u>Lung and Bronchus</u></b>			
Male	8.57	4	NC*
Female	6.60	6	91
Total	15.17	10	66

#### **Stomach**

Male	1.12	1	NC*
Female	0.62	1	NC*
Total	1.74	2	NC*

#### **Testis**

Male	0.70	0	NC*
------	------	---	-----

#### **Thyroid**

Male	0.42	1	NC*
Female	1.07	2	NC*
Total	1.50	3	NC*

#### **Uteri, Corpus and Uterus, NOS**

Female	3.32	4	NC*
--------	------	---	-----

#### **All Sites / Types**

Male	55.74	36	65 ~-
Female	51.43	59	115
Total	107.17	95	89

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels

### **Merrimac**

**Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999**

	<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>
<b><u>Bladder, Urinary</u></b>			
Male	3.52	5	142
Female	1.35	0	NC*
Total	4.87	5	103
<b><u>Brain and Other Central Nervous System</u></b>			
Male	1.18	0	NC*
Female	0.94	1	NC*
Total	2.12	1	NC*
<b><u>Breast</u></b>			
Male	0.17	0	NC*
Female	23.69	19	80
Total	23.86	19	80
<b><u>Cervix Uteri</u></b>			
Female	1.39	1	NC*

	<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>
<b><u>Melanoma of Skin</u></b>			
Male	2.54	1	NC*
Female	1.99	2	NC*
Total	4.53	3	NC*
<b><u>Multiple Myeloma</u></b>			
Male	0.72	2	NC*
Female	0.63	1	NC*
Total	1.34	3	NC*
<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	3.03	1	NC*
Female	2.68	2	NC*
Total	5.71	3	NC*
<b><u>Oral Cavity and Pharynx</u></b>			
Male	2.44	0	NC*
Female	1.14	0	NC*
Total	3.59	0	NC*

**Colon / Rectum**

Male	8.84	8	91
Female	8.42	10	119
Total	17.25	18	104

**Esophagus**

Male	1.36	0	NC*
Female	0.41	1	NC*
Total	1.77	1	NC*

**Hodgkin's Disease (Hodgkin Lymphoma)**

Male	0.59	1	NC*
Female	0.47	1	NC*
Total	1.06	2	NC*

**Kidney and Renal Pelvis**

Male	2.25	4	NC*
Female	1.38	2	NC*
Total	3.63	6	165

**Larynx**

Male	1.30	2	NC*
Female	0.33	0	NC*
Total	1.62	2	NC*

**Leukemia**

Male	1.77	1	NC*
Female	1.40	1	NC*
Total	3.17	2	NC*

**Liver and Intrahepatic Bile Ducts**

Male	0.87	2	NC*
Female	0.35	0	NC*
Total	1.22	2	NC*

**Lung and Bronchus**

Male	11.54	8	69
Female	9.36	13	139
Total	20.90	21	100

**Ovary**

Female	2.77	5	181
--------	------	---	-----

**Pancreas**

Male	1.53	1	NC*
Female	1.56	2	NC*
Total	3.09	3	NC*

**Prostate**

Male	22.93	18	79
------	-------	----	----

**Stomach**

Male	1.52	2	NC*
Female	0.91	0	NC*
Total	2.43	2	NC*

**Testis**

Male	0.89	1	NC*
------	------	---	-----

**Thyroid**

Male	0.53	1	NC*
Female	1.43	2	NC*
Total	1.96	3	NC*

**Uteri, Corpus and Uterus, NOS**

Female	4.58	7	153
--------	------	---	-----

**All Sites / Types**

Male	74.46	61	82
Female	72.23	74	102
Total	146.69	135	92

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels

**Methuen**

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	27.99	28	100	Male	18.08	9	50 #~
Female	12.21	12	98	Female	14.72	13	88
Total	40.20	40	99	Total	32.80	22	67
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			

Male	8.07	10	124
Female	7.06	11	156
Total	15.13	21	139

#### **Breast**

Male	1.29	1	NC*
Female	178.75	187	105
Total	180.05	188	104

#### **Cervix Uteri**

Female	9.53	10	105
--------	------	----	-----

#### **Colon / Rectum**

Male	69.16	84	121
Female	76.87	63	82
Total	146.03	147	101

#### **Esophagus**

Male	9.73	15	154
Female	3.75	6	160
Total	13.48	21	156

#### **Hodgkin's Disease (Hodgkin Lymphoma)**

Male	4.01	9	224 #+
Female	3.25	4	NC*
Total	7.26	13	179

#### **Kidney and Renal Pelvis**

Male	16.02	18	112
Female	11.17	12	107
Total	27.19	30	110

#### **Larynx**

Male	9.05	9	99
Female	2.51	4	NC*
Total	11.56	13	112

#### **Leukemia**

Male	13.06	11	84
Female	11.24	12	107
Total	24.30	23	95

#### **Liver and Intrahepatic Bile Ducts**

Male	6.20	3	NC*
Female	3.04	2	NC*
Total	9.24	5	54

#### **Lung and Bronchus**

Male	87.00	84	97
Female	77.64	82	106
Total	164.63	166	101

Male	5.39	9	167
Female	5.35	6	112
Total	10.74	15	140

#### **Non-Hodgkin('s) Lymphoma**

Male	22.04	23	104
Female	22.33	24	107
Total	44.37	47	106

#### **Oral Cavity and Pharynx**

Male	16.71	8	48 #-
Female	9.11	9	99
Total	25.83	17	66

#### **Ovary**

Female	20.71	20	97
--------	-------	----	----

#### **Pancreas**

Male	11.56	7	61
Female	14.08	17	121
Total	25.64	24	94

#### **Prostate**

Male	168.85	198	117 #+
------	--------	-----	--------

#### **Stomach**

Male	11.69	21	180 #+
Female	8.32	14	168
Total	20.02	35	175 ~+

#### **Testis**

Male	6.01	7	117
------	------	---	-----

#### **Thyroid**

Male	3.49	3	NC*
Female	9.52	9	95
Total	13.01	12	92

#### **Uteri, Corpus and Uterus, NOS**

Female	34.66	43	124
--------	-------	----	-----

#### **All Sites / Types**

Male	553.17	582	105
Female	579.55	601	104
Total	1132.71	1183	104

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels

## Middleborough

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	9.83	12	122	Male	7.36	2	NC*
Female	4.04	1	NC*	Female	6.06	3	NC*
Total	13.88	13	94	Total	13.42	5	37 #-
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	3.49	5	143	Male	2.01	1	NC*
Female	2.87	4	NC*	Female	1.85	4	NC*
Total	6.36	9	142	Total	3.87	5	129
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.49	1	NC*	Male	8.79	10	114
Female	70.09	70	100	Female	8.04	8	99
Total	70.58	71	101	Total	16.83	18	107
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	4.30	4	NC*	Male	7.01	4	NC*
				Female	3.39	1	NC*
				Total	10.40	5	48
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	24.70	25	101	Female	8.26	8	97
Female	25.38	27	106				
Total	50.08	52	104				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	3.82	4	NC*	Male	4.30	7	163
Female	1.23	0	NC*	Female	4.64	5	108
Total	5.04	4	NC*	Total	8.94	12	134
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	1.85	2	NC*	Male	63.55	65	102
Female	1.51	2	NC*				
Total	3.36	4	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	6.42	5	78	Male	4.27	3	NC*
Female	4.08	4	NC*	Female	2.78	2	NC*
Total	10.50	9	86	Total	7.06	5	71
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	3.66	5	137	Male	2.87	3	NC*
Female	0.93	1	NC*				
Total	4.59	6	131				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	5.13	10	195	Male	1.60	6	375 #+
Female	4.26	7	164	Female	4.49	5	111
Total	9.40	17	181 #+	Total	6.09	11	181
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	2.48	1	NC*	Female	13.32	9	68
Female	1.03	1	NC*				
Total	3.51	2	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	32.16	46	143 #+	Male	209.97	230	110
Female	27.21	22	81	Female	215.22	200	93

Total	59.37	68	115	Total	425.19	430	101
-------	-------	----	-----	-------	--------	-----	-----

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels

## Middlefield

### Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	0.28	0	NC*	Male	0.21	0	NC*
Female	0.09	0	NC*	Female	0.13	0	NC*
Total	0.37	0	NC*	Total	0.33	0	NC*
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	0.09	0	NC*	Male	0.06	0	NC*
Female	0.06	0	NC*	Female	0.04	0	NC*
Total	0.16	0	NC*	Total	0.10	0	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.01	0	NC*	Male	0.25	0	NC*
Female	1.55	0	NC*	Female	0.17	1	NC*
Total	1.56	0	NC*	Total	0.42	1	NC*
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	0.09	0	NC*	Male	0.20	0	NC*
				Female	0.07	0	NC*
				Total	0.28	0	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	0.71	0	NC*	Female	0.18	0	NC*
Female	0.53	0	NC*				
Total	1.24	0	NC*				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	0.11	0	NC*	Male	0.12	0	NC*
Female	0.03	0	NC*	Female	0.10	0	NC*
Total	0.14	0	NC*	Total	0.22	0	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.05	0	NC*	Male	1.80	2	NC*
Female	0.03	0	NC*				
Total	0.08	0	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	0.18	0	NC*	Male	0.12	0	NC*
Female	0.09	0	NC*	Female	0.06	0	NC*
Total	0.28	0	NC*	Total	0.18	0	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	0.11	0	NC*	Male	0.07	0	NC*
Female	0.02	0	NC*				
Total	0.13	0	NC*				



<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	0.14	0	NC*	Male	0.04	0	NC*
Female	0.09	0	NC*	Female	0.09	1	NC*
Total	0.23	0	NC*	Total	0.13	1	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	0.07	0	NC*	Female	0.31	0	NC*
Female	0.02	0	NC*				
Total	0.09	0	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	0.91	0	NC*	Male	5.96	2	NC*
Female	0.64	0	NC*	Female	4.69	2	NC*
Total	1.55	0	NC*	Total	10.65	4	NC*

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels

## Middleton

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	3.93	10	254 #+	Male	2.69	4	NC*
Female	1.30	0	NC*	Female	1.93	0	NC*
Total	5.23	10	191	Total	4.62	4	NC*
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	1.21	2	NC*	Male	0.78	0	NC*
Female	0.92	1	NC*	Female	0.62	0	NC*
Total	2.13	3	NC*	Total	1.40	0	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.19	0	NC*	Male	3.23	0	NC*
Female	23.32	26	112	Female	2.62	3	NC*
Total	23.50	26	111	Total	5.85	3	NC*
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	1.35	1	NC*	Male	2.57	3	NC*
				Female	1.12	2	NC*
				Total	3.69	5	136
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	9.79	8	82	Female	2.72	1	NC*
Female	8.11	6	74				
Total	17.90	14	78				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	1.46	0	NC*	Male	1.68	1	NC*
Female	0.39	0	NC*	Female	1.51	2	NC*
Total	1.85	0	NC*	Total	3.18	3	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			

Male	0.59	3	NC*
Female	0.45	0	NC*
Total	1.04	3	NC*

#### **Kidney and Renal Pelvis**

Male	2.39	1	NC*
Female	1.36	1	NC*
Total	3.75	2	NC*

#### **Larynx**

Male	1.37	2	NC*
Female	0.33	0	NC*
Total	1.70	2	NC*

#### **Leukemia**

Male	1.88	4	NC*
Female	1.33	0	NC*
Total	3.21	4	NC*

#### **Liver and Intrahepatic Bile Ducts**

Male	0.93	0	NC*
Female	0.34	0	NC*
Total	1.26	0	NC*

#### **Lung and Bronchus**

Male	12.56	12	96
Female	9.39	7	75
Total	21.94	19	87

Male	24.75	16	65
------	-------	----	----

#### **Stomach**

Male	1.68	1	NC*
Female	0.86	1	NC*
Total	2.54	2	NC*

#### **Testis**

Male	0.88	1	NC*
------	------	---	-----

#### **Thyroid**

Male	0.54	1	NC*
Female	1.38	2	NC*
Total	1.92	3	NC*

#### **Uteri, Corpus and Uterus, NOS**

Female	4.56	4	NC*
--------	------	---	-----

#### **All Sites / Types**

Male	80.45	84	104
Female	70.72	62	88
Total	151.18	146	97

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels

## **Milford**

**Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999**

	<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>
<b><u>Bladder, Urinary</u></b>			
Male	15.07	14	93
Female	6.31	10	159
Total	21.38	24	112

#### **Brain and Other Central Nervous System**

Male	4.65	4	NC*
Female	3.99	7	175
Total	8.65	11	127

#### **Breast**

Male	0.71	1	NC*
Female	99.14	101	102
Total	99.85	102	102

#### **Cervix Uteri**

	<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>
<b><u>Melanoma of Skin</u></b>			
Male	10.27	11	107
Female	8.36	12	144
Total	18.63	23	123

#### **Multiple Myeloma**

Male	2.96	4	NC*
Female	2.83	5	177
Total	5.78	9	156

#### **Non-Hodgkin('s) Lymphoma**

Male	12.42	14	113
Female	12.01	12	100
Total	24.43	26	106

#### **Oral Cavity and Pharynx**

Male	9.55	7	73
------	------	---	----

Female	5.67	2	NC*	Female	4.94	4	NC*
				Total	14.49	11	76
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	37.42	40	107				
Female	39.73	38	96	Female	11.59	12	104
Total	77.16	78	101				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	5.42	5	92	Male	6.34	10	158
Female	1.93	0	NC*	Female	7.28	7	96
Total	7.35	5	68	Total	13.62	17	125
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	2.41	1	NC*	Male	92.51	88	95
Female	1.97	3	NC*				
Total	4.38	4	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	8.99	14	156	Male	6.39	11	172
Female	6.03	3	NC*	Female	4.30	5	116
Total	15.02	17	113	Total	10.69	16	150
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	5.09	6	118	Male	3.72	4	NC*
Female	1.37	2	NC*				
Total	6.46	8	124				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	7.27	9	124	Male	2.09	2	NC*
Female	6.09	3	NC*	Female	5.80	11	190
Total	13.36	12	90	Total	7.89	13	165
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	3.48	2	NC*				
Female	1.59	2	NC*	Female	19.08	21	110
Total	5.07	4	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	47.44	49	103	Male	305.02	313	103
Female	41.47	41	99	Female	314.55	320	102
Total	88.91	90	101	Total	619.57	633	102

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels

## Millbury

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>		<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	8.43	9	107	Male	5.47	4	NC*
Female	3.47	0	NC*	Female	4.44	4	NC*

Total	11.90	9	76
<b><u>Brain and Other Central Nervous System</u></b>			
Male	2.43	0	NC*
Female	2.08	1	NC*
Total	4.51	1	NC*
<b><u>Breast</u></b>			
Male	0.39	0	NC*
Female	53.51	47	88
Total	53.90	47	87
<b><u>Cervix Uteri</u></b>			
Female	2.96	4	NC*
<b><u>Colon / Rectum</u></b>			
Male	20.90	22	105
Female	21.73	11	51 #–
Total	42.62	33	77
<b><u>Esophagus</u></b>			
Male	2.98	4	NC*
Female	1.06	1	NC*
Total	4.04	5	124
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>			
Male	1.21	1	NC*
Female	1.00	2	NC*
Total	2.21	3	NC*
<b><u>Kidney and Renal Pelvis</u></b>			
Male	4.82	7	145
Female	3.27	7	214
Total	8.10	14	173
<b><u>Larynx</u></b>			
Male	2.76	2	NC*
Female	0.75	1	NC*
Total	3.51	3	NC*
<b><u>Leukemia</u></b>			
Male	3.89	2	NC*
Female	3.27	2	NC*
Total	7.16	4	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>			
Male	1.88	1	NC*
Female	0.87	0	NC*
Total	2.75	1	NC*
<b><u>Lung and Bronchus</u></b>			
Male	26.36	30	114
Female	22.52	27	120
Total	48.88	57	117

Total	9.91	8	81
<b><u>Multiple Myeloma</u></b>			
Male	1.62	0	NC*
Female	1.54	0	NC*
Total	3.16	0	NC*
<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	6.66	5	75
Female	6.46	7	108
Total	13.12	12	91
<b><u>Oral Cavity and Pharynx</u></b>			
Male	5.10	4	NC*
Female	2.68	3	NC*
Total	7.79	7	90
<b><u>Ovary</u></b>			
Female	6.21	8	129
<b><u>Pancreas</u></b>			
Male	3.52	2	NC*
Female	4.01	4	NC*
Total	7.53	6	80
<b><u>Prostate</u></b>			
Male	51.80	42	81
<b><u>Stomach</u></b>			
Male	3.55	2	NC*
Female	2.37	3	NC*
Total	5.92	5	84
<b><u>Testis</u></b>			
Male	1.81	1	NC*
<b><u>Thyroid</u></b>			
Male	1.07	2	NC*
Female	2.98	1	NC*
Total	4.05	3	NC*
<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Female	10.34	12	116
<b><u>All Sites / Types</u></b>			
Male	168.00	151	90
Female	170.06	158	93
Total	338.06	309	91

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

– indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels

## Millis

### Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	3.88	4	NC*	Male	2.92	4	NC*
Female	1.32	1	NC*	Female	2.19	4	NC*
Total	5.20	5	96	Total	5.11	8	157
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	1.39	3	NC*	Male	0.79	1	NC*
Female	1.05	0	NC*	Female	0.64	1	NC*
Total	2.44	3	NC*	Total	1.43	2	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.19	0	NC*	Male	3.49	5	143
Female	25.47	30	118	Female	2.80	5	179
Total	25.66	30	117	Total	6.28	10	159
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	1.60	1	NC*	Male	2.80	1	NC*
				Female	1.20	0	NC*
				Total	3.99	1	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	9.81	7	71	Female	3.02	6	199
Female	8.22	11	134				
Total	18.03	18	100				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	1.53	2	NC*	Male	1.71	2	NC*
Female	0.40	3	NC*	Female	1.53	1	NC*
Total	1.93	5	259	Total	3.25	3	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.74	1	NC*	Male	25.85	28	108
Female	0.55	1	NC*				
Total	1.30	2	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	2.54	2	NC*	Male	1.69	2	NC*
Female	1.45	5	344 #+	Female	0.88	1	NC*
Total	4.00	7	175	Total	2.57	3	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	1.47	1	NC*	Male	1.16	3	NC*
Female	0.35	0	NC*				
Total	1.82	1	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	2.02	2	NC*	Male	0.64	0	NC*
Female	1.46	0	NC*	Female	1.68	3	NC*
Total	3.48	2	NC*	Total	2.32	3	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	0.99	0	NC*	Female	4.90	3	NC*
Female	0.35	0	NC*				
Total	1.34	0	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			

Male	12.91	14	108	Male	84.16	92	109
Female	9.81	8	82	Female	75.94	93	122
Total	22.72	22	97	Total	160.10	185	116

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels

## Millville

### Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	1.20	0	NC*	Male	0.96	1	NC*
Female	0.48	0	NC*	Female	0.79	2	NC*
Total	1.68	0	NC*	Total	1.75	3	NC*
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	0.48	1	NC*	Male	0.25	0	NC*
Female	0.39	0	NC*	Female	0.22	0	NC*
Total	0.86	1	NC*	Total	0.47	0	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.06	0	NC*	Male	1.15	0	NC*
Female	8.75	7	80	Female	1.01	1	NC*
Total	8.81	7	79	Total	2.16	1	NC*
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	0.58	1	NC*	Male	0.90	0	NC*
				Female	0.42	0	NC*
				Total	1.32	0	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	3.06	4	NC*	Female	1.05	0	NC*
Female	2.99	3	NC*				
Total	6.06	7	116				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	0.48	0	NC*	Male	0.53	0	NC*
Female	0.14	0	NC*	Female	0.55	0	NC*
Total	0.63	0	NC*	Total	1.09	0	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.27	0	NC*	Male	8.10	4	NC*
Female	0.22	0	NC*				
Total	0.49	0	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	0.82	0	NC*	Male	0.53	0	NC*
Female	0.51	0	NC*	Female	0.33	0	NC*
Total	1.33	0	NC*	Total	0.85	0	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	0.47	0	NC*	Male	0.45	0	NC*

Female	0.12	0	NC*
Total	0.58	0	NC*

#### Leukemia

Male	0.67	2	NC*
Female	0.54	1	NC*
Total	1.21	3	NC*

#### Liver and Intrahepatic Bile Ducts

Male	0.32	0	NC*
Female	0.13	0	NC*
Total	0.44	0	NC*

#### Lung and Bronchus

Male	4.07	6	147
Female	3.37	0	NC*
Total	7.44	6	81

#### Thyroid

Male	0.23	0	NC*
Female	0.63	1	NC*
Total	0.85	1	NC*

#### Uteri, Corpus and Uterus, NOS

Female	1.65	1	NC*
--------	------	---	-----

#### All Sites / Types

Male	26.83	19	71
Female	26.72	20	75
Total	53.55	39	73 #-

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels

## Milton

### Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>			
Male	19.47	14	72
Female	8.24	16	194 #+
Total	27.70	30	108

<u>Brain and Other Central Nervous System</u>			
Male	5.37	4	NC*
Female	4.71	7	149
Total	10.08	11	109

<u>Breast</u>			
Male	0.90	3	NC*
Female	123.12	142	115
Total	124.02	145	117

<u>Cervix Uteri</u>			
Female	6.46	6	93

<u>Colon / Rectum</u>			
Male	48.06	49	102
Female	51.66	50	97
Total	99.73	99	99

<u>Esophagus</u>			
Male	6.79	6	88
Female	2.53	0	NC*

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Melanoma of Skin</u>			
Male	12.31	19	154
Female	10.00	11	110
Total	22.31	30	134

<u>Multiple Myeloma</u>			
Male	3.74	3	NC*
Female	3.63	1	NC*
Total	7.37	4	NC*

<u>Non-Hodgkin('s) Lymphoma</u>			
Male	14.97	13	87
Female	15.05	16	106
Total	30.02	29	97

<u>Oral Cavity and Pharynx</u>			
Male	11.54	9	78
Female	6.24	5	80
Total	17.78	14	79

<u>Ovary</u>			
Female	14.18	18	127

<u>Pancreas</u>			
Male	8.06	7	87
Female	9.52	2	NC*

Total	9.31	6	64
<b>Hodgkin's Disease (Hodgkin Lymphoma)</b>			
Male	2.55	6	236
Female	2.12	0	NC*
Total	4.66	6	129

<b>Kidney and Renal Pelvis</b>			
Male	11.01	9	82
Female	7.63	8	105
Total	18.63	17	91

<b>Larynx</b>			
Male	6.29	7	111
Female	1.74	2	NC*
Total	8.03	9	112

<b>Leukemia</b>			
Male	8.82	9	102
Female	7.55	5	66
Total	16.36	14	86

<b>Liver and Intrahepatic Bile Ducts</b>			
Male	4.28	5	117
Female	2.05	1	NC*
Total	6.33	6	95

<b>Lung and Bronchus</b>			
Male	60.48	44	73 #-
Female	52.98	52	98
Total	113.47	96	85

Total	17.58	9	51 #-
-------	-------	---	-------

<b>Prostate</b>			
Male	118.22	125	106

<b>Stomach</b>			
Male	8.14	4	NC*
Female	5.60	7	125
Total	13.74	11	80

<b>Testis</b>			
Male	3.66	2	NC*

<b>Thyroid</b>			
Male	2.30	2	NC*
Female	6.38	7	110
Total	8.68	9	104

<b>Uteri, Corpus and Uterus, NOS</b>			
Female	24.00	21	88

<b>All Sites / Types</b>			
Male	382.69	369	96
Female	394.80	410	104
Total	777.49	779	100

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels

## Monroe

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b>Bladder, Urinary</b>			
Male	0.15	0	NC*
Female	0.04	0	NC*
Total	0.19	0	NC*

<b>Brain and Other Central Nervous System</b>			
Male	0.03	0	NC*
Female	0.02	0	NC*
Total	0.05	0	NC*

<b>Breast</b>			
Male	0.01	0	NC*
Female	0.48	1	NC*
Total	0.49	1	NC*

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b>Melanoma of Skin</b>			
Male	0.07	0	NC*
Female	0.04	0	NC*
Total	0.11	0	NC*

<b>Multiple Myeloma</b>			
Male	0.03	0	NC*
Female	0.02	0	NC*
Total	0.04	0	NC*

<b>Non-Hodgkin('s) Lymphoma</b>			
Male	0.09	0	NC*
Female	0.06	0	NC*
Total	0.16	0	NC*



**Cervix Uteri**

Female	0.02	0	NC*
--------	------	---	-----

**Colon / Rectum**

Male	0.35	0	NC*
Female	0.24	0	NC*
Total	0.59	0	NC*

**Esophagus**

Male	0.04	0	NC*
Female	0.01	0	NC*
Total	0.05	0	NC*

**Hodgkin's Disease (Hodgkin Lymphoma)**

Male	0.01	0	NC*
Female	0.01	0	NC*
Total	0.02	0	NC*

**Kidney and Renal Pelvis**

Male	0.07	1	NC*
Female	0.03	0	NC*
Total	0.10	1	NC*

**Larynx**

Male	0.03	0	NC*
Female	0.01	0	NC*
Total	0.04	0	NC*

**Leukemia**

Male	0.06	0	NC*
Female	0.03	0	NC*
Total	0.09	0	NC*

**Liver and Intrahepatic Bile Ducts**

Male	0.03	0	NC*
Female	0.01	0	NC*
Total	0.03	0	NC*

**Lung and Bronchus**

Male	0.39	1	NC*
Female	0.23	0	NC*
Total	0.63	1	NC*

**Oral Cavity and Pharynx**

Male	0.06	0	NC*
Female	0.03	0	NC*
Total	0.09	0	NC*

**Ovary**

Female	0.05	0	NC*
--------	------	---	-----

**Pancreas**

Male	0.06	0	NC*
Female	0.04	0	NC*
Total	0.10	0	NC*

**Prostate**

Male	0.71	1	NC*
------	------	---	-----

**Stomach**

Male	0.06	0	NC*
Female	0.02	0	NC*
Total	0.09	0	NC*

**Testis**

Male	0.01	0	NC*
------	------	---	-----

**Thyroid**

Male	0.01	0	NC*
Female	0.02	0	NC*
Total	0.03	0	NC*

**Uteri, Corpus and Uterus, NOS**

Female	0.10	0	NC*
--------	------	---	-----

**All Sites / Types**

Male	2.46	3	NC*
Female	1.63	1	NC*
Total	4.09	4	NC*

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels

**Monson**

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			

Male	5.22	4	NC*
Female	1.80	0	NC*
Total	7.02	4	NC*
<b><u>Brain and Other Central Nervous System</u></b>			
Male	1.79	1	NC*
Female	1.33	1	NC*
Total	3.13	2	NC*
<b><u>Breast</u></b>			
Male	0.26	0	NC*
Female	33.72	25	74
Total	33.98	25	74
<b><u>Cervix Uteri</u></b>			
Female	2.02	5	247
<b><u>Colon / Rectum</u></b>			
Male	13.16	7	53
Female	11.27	7	62
Total	24.42	14	57 #-
<b><u>Esophagus</u></b>			
Male	2.07	2	NC*
Female	0.54	0	NC*
Total	2.62	2	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>			
Male	0.91	3	NC*
Female	0.67	2	NC*
Total	1.58	5	316 #+
<b><u>Kidney and Renal Pelvis</u></b>			
Male	3.45	2	NC*
Female	1.93	2	NC*
Total	5.38	4	NC*
<b><u>Larynx</u></b>			
Male	2.00	2	NC*
Female	0.46	1	NC*
Total	2.46	3	NC*
<b><u>Leukemia</u></b>			
Male	2.63	5	190
Female	1.91	1	NC*
Total	4.54	6	132
<b><u>Liver and Intrahepatic Bile Ducts</u></b>			
Male	1.33	1	NC*
Female	0.47	1	NC*
Total	1.80	2	NC*
<b><u>Lung and Bronchus</u></b>			
Male	17.39	13	75
Female	13.10	25	191 ~+
Total	30.49	38	125

Male	3.90	9	231 #+
Female	2.83	4	NC*
Total	6.74	13	193 #+
<b><u>Multiple Myeloma</u></b>			
Male	1.08	0	NC*
Female	0.87	2	NC*
Total	1.95	2	NC*
<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	4.60	2	NC*
Female	3.71	3	NC*
Total	8.31	5	60
<b><u>Oral Cavity and Pharynx</u></b>			
Male	3.79	2	NC*
Female	1.60	3	NC*
Total	5.39	5	93
<b><u>Ovary</u></b>			
Female	3.95	2	NC*
<b><u>Pancreas</u></b>			
Male	2.30	2	NC*
Female	2.09	2	NC*
Total	4.39	4	NC*
<b><u>Prostate</u></b>			
Male	34.71	22	63 #-
<b><u>Stomach</u></b>			
Male	2.27	2	NC*
Female	1.21	5	414 #+
Total	3.48	7	201
<b><u>Testis</u></b>			
Male	1.39	2	NC*
<b><u>Thyroid</u></b>			
Male	0.83	2	NC*
Female	2.09	2	NC*
Total	2.92	4	NC*
<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Female	6.53	7	107
<b><u>All Sites / Types</u></b>			
Male	112.48	87	77 #-
Female	100.97	107	106
Total	213.44	194	91

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels

## Montague

### Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	5.96	8	134	Male	3.67	4	NC*
Female	2.41	3	NC*	Female	2.82	6	213
Total	8.37	11	131	Total	6.49	10	154
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	1.58	1	NC*	Male	1.13	0	NC*
Female	1.38	0	NC*	Female	1.06	0	NC*
Total	2.96	1	NC*	Total	2.19	0	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.27	0	NC*	Male	4.49	5	111
Female	34.91	34	97	Female	4.40	9	204
Total	35.18	34	97	Total	8.89	14	157
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	1.80	2	NC*	Male	3.40	3	NC*
				Female	1.79	0	NC*
				Total	5.19	3	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	14.65	14	96	Female	4.04	4	NC*
Female	15.12	19	126				
Total	29.78	33	111				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	2.02	1	NC*	Male	2.43	2	NC*
Female	0.74	0	NC*	Female	2.80	3	NC*
Total	2.76	1	NC*	Total	5.23	5	96
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.74	0	NC*	Male	35.35	30	85
Female	0.61	1	NC*				
Total	1.35	1	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	3.29	2	NC*	Male	2.47	0	NC*
Female	2.22	1	NC*	Female	1.62	0	NC*
Total	5.51	3	NC*	Total	4.09	0	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	1.86	7	376 ~+	Male	1.07	1	NC*
Female	0.51	0	NC*				
Total	2.37	7	296 #+				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	2.66	3	NC*	Male	0.67	1	NC*
Female	2.19	2	NC*	Female	1.77	2	NC*
Total	4.85	5	103	Total	2.44	3	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	1.27	1	NC*	Female	6.85	16	234 ~+
Female	0.60	0	NC*				

Total	1.88	1	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	18.27	22	120	Male	115.09	114	99
Female	15.65	14	89	Female	113.80	123	108
Total	33.92	36	106	Total	228.89	237	104

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels